

2024-2025 EXPECTATIONS FOR LEARNING TOPICS IN 4TH GRADE

Math

With the introduction of new math standards, students will be given opportunities to expand learning through critical thinking, problem solving, and reasoning skills.

Operations and Algebraic Thinking

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.

Number and Operations in Base Ten

- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Reading/Writing

Reading: Literature

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine a theme of a story, drama, or poem from details in the text; summarize the text.
- Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text.
- Explain major differences between poems, drama, and prose, and refer to the structural elements of poems and drama.
- Compare and contrast the point of view from which different stories are narrated, including the difference between first- and third person narrations.
- Compare and contrast the treatment of similar themes and topics and patterns of events in stories, myths, and traditional literature from different cultures.

Reading: Informational Text

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- Describe the overall structure of events, ideas, concepts, or information in a text or part of a text.
- Compare and contrast a firsthand and secondhand account of the same event or topic; describe the differences in focus and the information provided.
- Interpret information presented visually, orally, or quantitatively and explain how the information.

Social Studies

Students will begin the year with the French and Indian War and end with the Reconstruction Period.

Topics covered this year will include . . .

- British colonial America
- Causes, events and results of the American Revolution
- Challenges of governing a new American nation
- Westward expansion
- Abolitionist and suffrage movements
- Causes, major events, and consequences of the Civil War
- Effect of Reconstruction on American Life
- Locate important geographical features of the United States
- Historical documents and governmental functions

Science

This year we will study . . .

- Use records, tables and graphs.
- Scientific procedures
- Comparing and contrasting attributes of stars and planets
- Position and motion of the Earth, moon, and sun
- Water cycle
- Weather patterns using charts and maps.
- The nature of light and how it interacts with objects.
- Relationship between balanced and unbalanced forces
- Roles of organisms and the flow of energy in an ecosystem



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Number and Operations— Fractions

- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying previous understandings of whole numbers.
- Understand decimal notation for fractions and compare decimal fractions.

Math Continued...

Measurement and Data

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Geometric measurement: understand concepts of angles and measure angles.

Geometry

- Draw and identify lines and angles and classify shapes by properties of their lines and angles.

Reading/ Writing Continued...

- contributes to an understanding of the text in which it appears.
- Explain how an author uses reasons and evidence to support particular points in a text.
- Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably.

Reading: Foundational Skills

- Read with sufficient accuracy and fluency to support comprehension.

Writing

- Write opinion pieces on topics or texts, write informative/explanatory texts, write narratives to develop real or imagined experiences or events using effective techniques.
- Develop and strengthen writing as needed by planning, revising, and editing, with guidance and support from peers and adults.
- Use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others.
- Conduct short research projects that build knowledge through investigation of different aspects of a topic.

Speaking and Listening

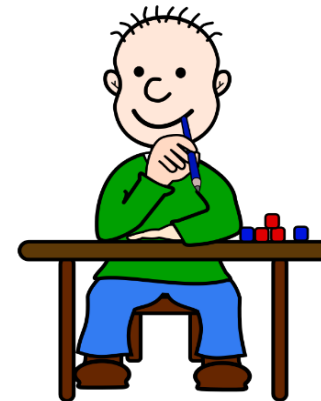
- Paraphrase and report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes.

Language

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking, capitalization, punctuation, and spelling when writing
- Use knowledge of language and its conventions when writing, speaking, reading, or listening

Social Studies Continued...

Economic concepts of trade, opportunity cost and productivity



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